

Document ID Number: 2124

AR: **Montrose Settlements Restoration Program
Administrative Record**

Title: Statement of Work - Angler Study. Status
Consulting. Contract No. 50-DGNC-2-90007.
Task Order No. TO 006

ATTACHMENT 1

CONTRACT NO. 50-DGNC-2-90007

TASK ORDER NO. TO 006

(Statement of Work Entitled "Montrose Settlements Restoration Program –
Angler Study" dated July 18, 2002 and Cover Sheet)

NOAA DAMAGE ASSESSMENT CENTER
TASK ORDER STATEMENT OF WORK COVER SHEET

NOAA CONTRACT NO.: 50-DGNC-2-90007

CONTRACTOR: STRATUS CONSULTING INC.)

TASK ORDER NO: T0 006

REQUISITION NO: NC-NR3000-2-00192

ACCOUNTING CLASSIFICATION: 2/NR3000/8K3EBR1

TASK ORDER

TITLE: Montrose Angler Study

SITE/CASE DESIGNATION: Southern California Restoration Implementation - 8K3EBR1

TOTAL LABOR HOURS: 3,179

PERIOD OF PERFORMANCE: From Effective Date through September 30, 2003

CONTRACTING OFFICER:

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CONTRACTING OFFICER'S
TECHNICAL REPRESENTATIVE:

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TASK ORDER MANAGER:

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APPROVALS

COTR:

Signature

Date:

7/25/02

TASK ORDER MANAGER:

7/19/02

The effective date is shown as the Contracting Officer's signature on the SF30 unless otherwise specified.

STATEMENT OF WORK

MONTROSE SETTLEMENTS RESTORATION PROGRAM

Angler Study

July 18, 2002

BACKGROUND

From the late 1940s to the early 1970s, DDTs and PCBs were discharged into the ocean near Los Angeles. More than 100 tons of these persistent chemicals remain in the marine environment and continue to injure birds and impair fishing.

In 1990, the U.S. Department of Justice (DOJ) and the California Attorney General filed a lawsuit under the federal Superfund law on behalf of the Natural Resource Trustees (NOAA, U.S. Fish & Wildlife Service, National Park Service, California Department of Fish and Game, California Department of Parks and Recreation, and California State Lands Commission), alleging that a number of defendants were responsible for releasing DDTs and PCBs and other hazardous substances into the environment. The lawsuit charged that the DDTs and PCBs injured natural resources, including fish and wildlife that live in and around coastal waters in Southern California.

The state and federal governments settled the final remaining legal claims in 2000. A total of \$140 million in damages have been paid under four separate settlement agreements. The agreements provide that the Trustees may use approximately \$30 million of the settlement funds for restoration of natural resources harmed by releases of DDTs and PCBs off the coast of Southern California (U.S. EPA received a separate share of the overall settlement for remediation and institutional controls to reduce exposure to DDTs and PCBs).

The Trustees have initiated the restoration planning process. They set up and are staffing the Montrose Settlements Restoration Program (MSRP) to administer the restoration efforts. They issued a Public Scoping Document on the restoration planning process and publishing a Notice of Intent to prepare an Environmental Impact Statement in the Federal Register. Three public meetings were held and comments solicited from the public during the scoping period, which closed in November 2001.

Recreational and Subsistence Fishing

One of the objectives of the Montrose Settlements Restoration Program is to develop restoration projects that compensate for injuries to recreational and subsistence fishing resulting from the contamination of fish with DDTs and PCBs. Several studies have been conducted on recreational fishing practices in Southern California. The Marine Recreational Fisheries Statistics Survey (MRFSS) is used to develop the Recreational Fishing Information Network (RecFIN) and is administered in Southern California by the Pacific States Marine Fisheries Council. The Santa Monica Bay Seafood Consumption Study was conducted in the early 1990s to develop information on human

exposures to contaminants in fish.

The Trustees and EPA have determined that they need to gain a better current understanding of who are the recreational and subsistence anglers being impacted by contamination from the Montrose case DDT and PCB releases, how they are being impacted, and how best to reach them with relevant messages. The Trustees, in conjunction with EPA, have thus decided to conduct a new study to further assess and update information on recreational and subsistence angling in Southern California coastal waters. The purpose of the study is to gather qualitative information on fishing and fish consumption practices from people who fish, for recreation and subsistence, in coastal waters from Point Dume to Dana Point in Los Angeles and Orange Counties. The Trustees and EPA want to fill specific information gaps that have not been the focus of other recreational fishing studies thus far. Qualitative information is needed for the following purposes:

1. To help guide the development of more effective public outreach and education programs intended to reduce public exposure to DDT and PCBs from fish. Information gathered from the angler survey may be used to:
 - improve the targeting of outreach programs to ensure that they reach audiences who fish for and consume fish that may be more highly contaminated with DDT and PCBs;
 - identify communication methods and languages that are more likely to effectively reach these audiences, based on their identified preferences for obtaining information, and their current awareness of fishing advisories and how they obtained that current awareness;
 - improve the effectiveness of our outreach messages about reducing contaminant exposure, through improved understanding of peoples' catch preferences, the parts of the fish they consume, and the different ways they prepare the fish for eating.
2. To gain insights on fishing preferences (types of fish and locations) that may assist the Trustees in planning restoration projects to increase the availability of acceptable opportunities to fish for cleaner fish.

The Trustees are closely coordinating restoration planning and implementation with EPA's remediation and institutional controls efforts, and combining efforts wherever it may reduce costs and improve the effectiveness of both programs. The angler study in this Task Order is an activity that the Trustees and EPA are performing as a combined effort. Thus, EPA will be an integral partner with NOAA and the Trustees in this effort.

Objectives of this Task Order

The primary objective of this task order is to implement a study of recreational and subsistence anglers who fish in Southern California coastal waters. The Trustees and EPA wish to collect information from anglers that would help in developing effective, well targeted public outreach and education programs, as well as providing information

that would help guide development of restoration alternatives for compensating anglers for DDT and PCB related impacts on recreational and subsistence angling. In addition, the Trustees and EPA intend to directly involve and take advantage of the resources of certain outside organizations in the implementation of the angler study, as described further under Activity 2.

Standards of Performance

The performance of work under this agreement will support natural resource restoration planning and implementation actions being conducted in accordance with the requirements of CERCLA, NEPA, CEQA, and other applicable federal and state environmental laws, regulations, orders, and policies. Work conducted may be open to critical review by the public and the mass media. Accordingly, all work must meet the highest standards of professional performance and technical rigor. Qualified and experienced professionals shall be utilized to design and perform the services outlined herein. Absolute objectivity must be maintained to ensure that reliable and valid conclusions are reached. Work products, guidance and recommendations, must be clearly documented and supported with relevant technical standards, methods and procedures.

Scope of Services

The Contractor shall perform the activities described below. All work shall be performed under the direction of NOAA, and in close coordination with the MSRP Program Manager and the partner organizations identified.

Activity 1: Angler Study

The contractor shall plan, organize, manage, and administer an angler study to meet the objectives stated above, including identification of locations, times, and methods, obtaining and training survey personnel, assessing and addressing likely language barriers, obtaining other needed services, preparation of the survey forms other materials, and purchase of supplies needed for the study, and creation of a database for entry and analysis of the study responses.

A committee of Trustee, EPA, and other knowledgeable participants has drafted a specific set of questions to be used in the study. The questions are being reviewed by NOAA management to assure that they comply with all applicable government requirements. The Trustees estimate that the study instrument will consist of twelve or fewer questions requiring ten minutes or less to administer to each respondent. A draft list of questions is attached to this SOW as Exhibit A.

The study questions will have been field tested prior to initiation of the full study (the field test is being performed under a previous task order and is thus outside the scope of this task order). In addition the questions themselves, the initial field test is being directed at identifying foreign language skills likely to be needed in some locations

during the full study. The results of the field test, including information on suggested language translation needs and locations, will be provided to the contractor on or around June 30, 2002. The contractor's work plan should present an approach for administering the study in a manner that maximizes the ability to obtain answers from non-English speakers in a cost-effective fashion, assuming as many as five other languages may be encountered. (It may be possible to identify and obtain translation assistance from certain community organizations in the trustees' contact list.)

The Task Order Manager will also provide the contractor an electronic spreadsheet file (Exhibit B) containing a list of the locations in Los Angeles and Orange Counties where the Pacific States Marine Fisheries Commission administers the RecFIN study. This file may be useful as an initial universe of potential sites for administering the angler study. Working with the MSRP Project Manager, the contractor shall propose specific sites where the angler study is to be administered, so that sufficient coverage is obtained to assure that as many segments of the fishing public are sampled through the study as possible.

For the purposes of scoping the level of effort and costs under this activity, the contractor may assume that the study will be administered over a period of approximately three months, in up to 50 locations consisting of a mix of public fishing piers, beaches, man-made structures, boat ramps, marinas, and private fishing party boat disembarkation sites. The total number of people to whom the study will be administered has not been determined. Thus the contractor should recommend a target for the total number of people to be surveyed, and provide in Section II of the work plan an estimated total cost based on that target, and in addition supply in Section II an estimated unit cost for each questionnaire to be administered, or cost per unit time of field effort.

The Contractor shall also incorporate into their plans for the study the utilization of staff from agencies and organizations which have indicated to the Trustees and EPA a desire to be actively involved in the study. The following list of agencies and organizations have requested direct involvement/ participation in the angler study:

Agency or Organization	Point of Contact	Phone	Nature of Services to be Provided
Santa Monica Bay Restoration Project	Guang Su Wang	To Be Provided	Provide personnel to administer study at Cabrillo Pier
Heal the Bay	Mark Gold	To Be Provided	Provide personnel to administer study at locations to be specified
Cabrillo Aquarium	TBD	To Be Provided	Provide personnel to administer study at locations to be specified
SEA Lab	TBD	To Be Provided	Provide personnel to administer study at locations to be specified
Los Angeles Conservation Corps	TBD	To Be Provided	Provide personnel to administer study at locations to be specified

The contractor shall deliver the results of the angler study as an electronic database and a summary report. The electronic database provided should be of a nature that will allow

Trustees and EPA to further manipulate the data results on their own in the future. The work plan should propose how the contractor will design the database to facilitate data entry and analysis.

The Contractor will be responsible for delivering the final product by effectively managing the effort through their own resources while to the extent possible utilizing the resources of partner organizations listed above.

Deliverables and Schedule

Deliverable	Days from Award of Task Order
Activity 1.	
Progress report/ checklist of preparations to initiate the field effort	20 days
Initiate field effort	45 days
Conclude field effort	135 days
Data analysis and draft report	165 days
Final report and database	210 days